



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

Source:

Date Processed by STIC:

10/629,649
IFWO
1/8/07

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/629,649

DATE: 01/08/2004

TIME: 14:56:52

Input Set : A:\18528.636 SeqList.txt

Output Set: N:\CRF4\01082004\J629649.raw

3 <110> APPLICANT: AMYLIN PHARMACEUTICALS, INC
 5 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING POLYCYSTIC OVARY
 SYNDROME
 7 <130> FILE REFERENCE: 18528.636
 9 <140> CURRENT APPLICATION NUMBER: 10/629,649
 10 <141> CURRENT FILING DATE: 2003-07-30
 12 <150> PRIOR APPLICATION NUMBER: 10/317,126
 13 <151> PRIOR FILING DATE: 2002-12-11
 15 <150> PRIOR APPLICATION NUMBER: PCT/US03/01109
 16 <151> PRIOR FILING DATE: 2003-01-14
 18 <160> NUMBER OF SEQ ID NOS: 211
 20 <170> SOFTWARE: PatentIn version 3.2

Does Not Comply
Corrected Diskette Needed

(pg. 3)

ERRORED SEQUENCES

395 <210> SEQ ID NO: 20
 396 <212> TYPE: PRT
 397 <213> ORGANISM: Artificial Sequence
 399 <220> FEATURE:
 400 <223> OTHER INFORMATION: artificial sequence with specific variable residues
 402 <220> FEATURE:
 403 <221> NAME/KEY: MISC_FEATURE
 404 <223> OTHER INFORMATION: See specification as filed for detailed description of
 405 substitutions and preferred embodiments.
 407 <220> FEATURE:
 408 <221> NAME/KEY: VARIANT
 409 <222> LOCATION: (1)
 410 <223> OTHER INFORMATION: His, Arg, or Tyr
 412 <220> FEATURE:
 413 <221> NAME/KEY: VARIANT
 414 <222> LOCATION: (2)
 415 <223> OTHER INFORMATION: Ser, Gly, Ala or Thr
 417 <220> FEATURE:
 418 <221> NAME/KEY: VARIANT
 419 <222> LOCATION: (3)
 420 <223> OTHER INFORMATION: Asp or Glu
 422 <220> FEATURE:
 423 <221> NAME/KEY: VARIANT
 424 <222> LOCATION: (5)
 425 <223> OTHER INFORMATION: Ala or Thr
 427 <220> FEATURE:
 428 <221> NAME/KEY: VARIANT
 429 <222> LOCATION: (6)

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430 <223> OTHER INFORMATION: Ala, Phe, Tyr or naphthylalanine
432 <220> FEATURE:
433 <221> NAME/KEY: VARIANT
434 <222> LOCATION: (7)
435 <223> OTHER INFORMATION: Thr or Ser
437 <220> FEATURE:
438 <221> NAME/KEY: VARIANT
439 <222> LOCATION: (8)
440 <223> OTHER INFORMATION: Ala, Ser or Thr
442 <220> FEATURE:
443 <221> NAME/KEY: VARIANT
444 <222> LOCATION: (9)
445 <223> OTHER INFORMATION: Asp or Glu
447 <220> FEATURE:
448 <221> NAME/KEY: VARIANT
449 <222> LOCATION: (10)
450 <223> OTHER INFORMATION: Ala, Leu, Ile, Val, pentylglycine or Met
452 <220> FEATURE:
453 <221> NAME/KEY: VARIANT
454 <222> LOCATION: (11)
455 <223> OTHER INFORMATION: Ala or Ser
457 <220> FEATURE:
458 <221> NAME/KEY: VARIANT
459 <222> LOCATION: (12)
460 <223> OTHER INFORMATION: Ala or Lys
462 <220> FEATURE:
463 <221> NAME/KEY: VARIANT
464 <222> LOCATION: (13)
465 <223> OTHER INFORMATION: Ala or Gln
467 <220> FEATURE:
468 <221> NAME/KEY: VARIANT
469 <222> LOCATION: (14)
470 <223> OTHER INFORMATION: Ala, Leu, Ile, pentylglycine, Val or Met
472 <220> FEATURE:
473 <221> NAME/KEY: VARIANT
474 <222> LOCATION: (15)..(17)
475 <223> OTHER INFORMATION: Ala or Glu
477 <220> FEATURE:
478 <221> NAME/KEY: VARIANT
479 <222> LOCATION: (19)
480 <223> OTHER INFORMATION: Ala or Val
482 <220> FEATURE:
483 <221> NAME/KEY: VARIANT
484 <222> LOCATION: (20)
485 <223> OTHER INFORMATION: Ala or Arg
487 <220> FEATURE:
488 <221> NAME/KEY: VARIANT
489 <222> LOCATION: (21)
490 <223> OTHER INFORMATION: Ala or Leu

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Input Set : A:\18528.636 SeqList.txt

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492 <220> FEATURE:
 493 <221> NAME/KEY: VARIANT
 494 <222> LOCATION: (22)
 495 <223> OTHER INFORMATION: Ala, Phe, Tyr or naphthylalanine
 497 <220> FEATURE:
 498 <221> NAME/KEY: VARIANT
 499 <222> LOCATION: (23)
 500 <223> OTHER INFORMATION: Ile, Val, Leu, pentylglycine, tert-butylglycine or
 501 Met
 503 <220> FEATURE:
 504 <221> NAME/KEY: VARIANT
 505 <222> LOCATION: (24)
 506 <223> OTHER INFORMATION: Ala, Glu or Asp
 508 <220> FEATURE:
 509 <221> NAME/KEY: VARIANT
 510 <222> LOCATION: (25)
 511 <223> OTHER INFORMATION: Ala, Trp, Phe, Tyr or naphthylalanine
 513 <220> FEATURE:
 514 <221> NAME/KEY: VARIANT
 515 <222> LOCATION: (26)
 516 <223> OTHER INFORMATION: Ala or Leu
 518 <220> FEATURE:
 519 <221> NAME/KEY: VARIANT
 520 <222> LOCATION: (27)
 521 <223> OTHER INFORMATION: Ala or Lys
 523 <220> FEATURE:
 524 <221> NAME/KEY: VARIANT
 525 <222> LOCATION: (28)
 526 <223> OTHER INFORMATION: Ala or Asn
 528 <220> FEATURE:
 529 <221> NAME/KEY: VARIANT
 530 <222> LOCATION: (29)..(29)
 531 <223> OTHER INFORMATION: -OH, -NH2, Gly-OH, Gly-NH2, Gly Gly-ON, Gly Gly-NH2 and
 further
 532 as indicated in the specification
 E--> 534 <211> LENGTH: — Please insert this mandatory numeric identifier with
 534 <400> SEQUENCE: 20 response.
 W--> 535 Xaa Xaa Xaa Gly Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 536 1 5 10 15
 538 Xaa Ala Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 OK E--> 539 20 25
 542 <210> SEQ ID NO: 21
 543 <211> LENGTH: 28 29 shown
 544 <212> TYPE: PRT
 545 <213> ORGANISM: Artificial Sequence
 547 <220> FEATURE:
 548 <223> OTHER INFORMATION: artificial sequence with specific variable residues
 550 <220> FEATURE:
 551 <221> NAME/KEY: MISC_FEATURE
 552 <223> OTHER INFORMATION: See specification as filed for detailed description of

The type of errors shown exist throughout
 the Sequence Listing. Please check subsequent
 sequences for similar errors.

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553 substitutions and preferred embodiments.

555 <220> FEATURE:

556 <221> NAME/KEY: VARIANT

557 <222> LOCATION: (1)

558 <223> OTHER INFORMATION: His, Arg, Tyr, Ala, norvaline, Val, or norleucine

560 <220> FEATURE:

561 <221> NAME/KEY: VARIANT

562 <222> LOCATION: (2)

563 <223> OTHER INFORMATION: Ser, Gly, Ala, or Thr

565 <220> FEATURE:

566 <221> NAME/KEY: VARIANT

567 <222> LOCATION: (3)

568 <223> OTHER INFORMATION: Ala, Asp, or Glu

570 <220> FEATURE:

571 <221> NAME/KEY: VARIANT

572 <222> LOCATION: (4)

573 <223> OTHER INFORMATION: Ala, norvaline, Val, norleucine or Gly

575 <220> FEATURE:

576 <221> NAME/KEY: VARIANT

577 <222> LOCATION: (5)

578 <223> OTHER INFORMATION: Ala or Thr

580 <220> FEATURE:

581 <221> NAME/KEY: VARIANT

582 <222> LOCATION: (6)

583 <223> OTHER INFORMATION: Phe, Tyr or naphthylalanine

585 <220> FEATURE:

586 <221> NAME/KEY: VARIANT

587 <222> LOCATION: (7)

588 <223> OTHER INFORMATION: Thr or Ser

590 <220> FEATURE:

591 <221> NAME/KEY: VARIANT

592 <222> LOCATION: (8)

593 <223> OTHER INFORMATION: Ala, Ser or Thr

595 <220> FEATURE:

596 <221> NAME/KEY: VARIANT

597 <222> LOCATION: (9)

598 <223> OTHER INFORMATION: Ala, Norvaline, Val, Norleucine, Asp or Glu

600 <220> FEATURE:

601 <221> NAME/KEY: VARIANT

602 <222> LOCATION: (10)

603 <223> OTHER INFORMATION: Ala, Leu, Ile, Val, pentylglycine or Met

605 <220> FEATURE:

606 <221> NAME/KEY: VARIANT

607 <222> LOCATION: (11)

608 <223> OTHER INFORMATION: Ala or Ser

610 <220> FEATURE:

611 <221> NAME/KEY: VARIANT

612 <222> LOCATION: (12)

613 <223> OTHER INFORMATION: Ala or Lys

RAW SEQUENCE LISTING

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Input Set : A:\18528.636 SeqList.txt

Output Set: N:\CRF4\01082004\J629649.raw

615 <220> FEATURE:
616 <221> NAME/KEY: VARIANT
617 <222> LOCATION: (13)
618 <223> OTHER INFORMATION: Ala or Gln
620 <220> FEATURE:
621 <221> NAME/KEY: VARIANT
622 <222> LOCATION: (14)
623 <223> OTHER INFORMATION: Ala, Leu, Ile, pentylglycine, Val or Met
625 <220> FEATURE:
626 <221> NAME/KEY: VARIANT
627 <222> LOCATION: (15)..(17)
628 <223> OTHER INFORMATION: Ala or Glu
630 <220> FEATURE:
631 <221> NAME/KEY: VARIANT
632 <222> LOCATION: (19)
633 <223> OTHER INFORMATION: Ala or Val
635 <220> FEATURE:
636 <221> NAME/KEY: VARIANT
637 <222> LOCATION: (20)
638 <223> OTHER INFORMATION: Ala or Arg
640 <220> FEATURE:
641 <221> NAME/KEY: VARIANT
642 <222> LOCATION: (21)
643 <223> OTHER INFORMATION: Ala or Leu
645 <220> FEATURE:
646 <221> NAME/KEY: VARIANT
647 <222> LOCATION: (22)
648 <223> OTHER INFORMATION: Phe, Tyr or naphthylalanine
650 <220> FEATURE:
651 <221> NAME/KEY: VARIANT
652 <222> LOCATION: (23)
653 <223> OTHER INFORMATION: Ile, Val, Leu, pentylglycine, tert-butylglycine or
654 Met
656 <220> FEATURE:
657 <221> NAME/KEY: VARIANT
658 <222> LOCATION: (24)
659 <223> OTHER INFORMATION: Ala, Glu or Asp
661 <220> FEATURE:
662 <221> NAME/KEY: VARIANT
663 <222> LOCATION: (25)
664 <223> OTHER INFORMATION: Ala, Trp, Phe, Tyr or naphthylalanine
666 <220> FEATURE:
667 <221> NAME/KEY: VARIANT
668 <222> LOCATION: (26)
669 <223> OTHER INFORMATION: Ala or Leu
671 <220> FEATURE:
672 <221> NAME/KEY: VARIANT
673 <222> LOCATION: (27)
674 <223> OTHER INFORMATION: Ala or Lys

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Input Set : A:\18528.636 SeqList.txt

Output Set: N:\CRF4\01082004\J629649.raw

676 <220> FEATURE:

677 <221> NAME/KEY: VARIANT

678 <222> LOCATION: (28)

679 <223> OTHER INFORMATION: Ala or Asn

681 <220> FEATURE:

682 <221> NAME/KEY: VARIANT

683 <222> LOCATION: (29)..(29)

684 <223> OTHER INFORMATION: -OH, -NH2, Gly-OH, Gly-NH2, Gly Gly-ON, Gly Gly-NH2 and

further

685 as indicated in the specification

687 <400> SEQUENCE: 21

W--> 688 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa

689 1 5 10 15

691 Xaa Ala Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa

E--> 692 20 25

VERIFICATION SUMMARY

DATE: 01/08/2004

PATENT APPLICATION: US/10/629,649

TIME: 14:56:54

Input Set : A:\18528.636 SeqList.txt

Output Set: N:\CRF4\01082004\J629649.raw

L:294 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:16
 L:341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:32
 L:366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:16
 L:380 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:19
 L:391 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:16
 L:534 M:282 E: Numeric Field Identifier Missing, <211> is required.
 L:535 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
 M:341 Repeated in SeqNo=20
 L:539 M:252 E: No. of Seq. differs, <211> LENGTH:Input:0 Found:29 SEQ:20
 L:688 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
 M:341 Repeated in SeqNo=21
 L:692 M:252 E: No. of Seq. differs, <211> LENGTH:Input:28 Found:29 SEQ:21
 L:836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
 M:341 Repeated in SeqNo=22
 L:990 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
 M:341 Repeated in SeqNo=23
 L:1137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
 M:341 Repeated in SeqNo=24
 L:1148 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:25
 L:1290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
 M:341 Repeated in SeqNo=25
 L:1400 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
 M:341 Repeated in SeqNo=26
 L:1526 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
 M:341 Repeated in SeqNo=27
 L:1759 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
 L:1884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
 L:1913 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
 L:1942 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
 L:1971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0
 L:2003 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:16
 L:2080 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:16
 L:2109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:16
 L:2191 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:16
 M:341 Repeated in SeqNo=53
 L:2223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54 after pos.:32
 L:2254 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:16
 M:341 Repeated in SeqNo=55
 L:2286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:32
 L:2317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:16
 M:341 Repeated in SeqNo=57
 L:2351 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:16
 M:341 Repeated in SeqNo=58
 L:2385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:16
 M:341 Repeated in SeqNo=59
 L:2417 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:32
 L:2448 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:16
 M:341 Repeated in SeqNo=61

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L:3379 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103 after pos.:16
M:341 Repeated in SeqNo=103
L:3411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104 after pos.:32
L:3437 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105 after pos.:16
L:3471 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106 after pos.:16
M:341 Repeated in SeqNo=106
L:3505 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107 after pos.:16

Use of n and/or Xaa has been detected in the
Sequence Listing. Review the Sequence Listing
to ensure a corresponding explanation
is presented in the <220> to <223> fields of
each sequence using n or Xaa.